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**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**

Declaration Submitted with Initial Filing

OR

Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number	AES 04-001
First Named Inventor	Michael, Medhat
<b>COMPLETE IF KNOWN</b>	
Application Number	10 / 809,066
Filing Date	March 15, 2004
Art Unit	
Examiner Name	

As the below named Inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Spectral Gamma Ray Logging-While-Drilling System

*(Title of the Invention)*

the specification of which

is attached hereto

OR

was filed on (MM/DD/YYYY) March 15, 2004 as United States Application Number or PCT International

Application Number 10/809,066 and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

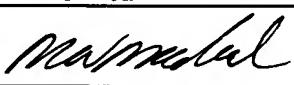
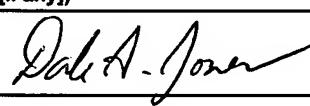
I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached? YES	Certified Copy Attached? NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

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**DECLARATION — Utility or Design Patent Application**

Direct all correspondence to: <input checked="" type="checkbox"/>		Customer Number or Bar Code Label	35033	OR <input type="checkbox"/> Correspondence address below
<p>Name <b>Patrick H. McCollum</b></p> <p>Address <b>363 N. Sam Houston Parkway East, Suite 1700</b></p> <p>City <b>Houston</b> State <b>Texas</b> ZIP <b>77060</b></p> <p>Country <b>U.S.A.</b> Telephone <b>281-260-5616</b> Fax <b>281-260-5670</b></p>				
<p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.</p>				
<p><b>NAME OF SOLE OR FIRST INVENTOR :</b> <input type="checkbox"/> A petition has been filed for this unsigned inventor</p>				
<p>Given Name <b>Medhat W.</b> (first and middle [if any])</p> <p>Inventor's Signature </p>		<p>Family Name <b>Mickael</b> or Surname</p> <p>Date <b>8/10/04</b></p>		
<p>Residence: City <b>Sugar Land</b></p>		<p>State <b>TX</b></p>	<p>Country <b>USA</b></p>	<p>Citizenship <b>USA</b></p>
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<p><b>NAME OF SECOND INVENTOR:</b> <input type="checkbox"/> A petition has been filed for this unsigned inventor</p>				
<p>Given Name <b>Dale A.</b> (first and middle [if any])</p> <p>Inventor's Signature </p>		<p>Family Name <b>Jones</b> or Surname</p> <p>Date <b>August 10, 2004</b></p>		
<p>Residence: City <b>Houston</b></p>		<p>State <b>Texas</b></p>	<p>Country <b>USA</b></p>	<p>Citizenship <b>USA</b></p>
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<p>City <b>Houston</b></p>		<p>State <b>Texas</b></p>	<p>ZIP <b>77018</b></p>	<p>Country <b>USA</b></p>
<p><input checked="" type="checkbox"/> Additional inventors are being named on the <b>01</b> supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.</p>				

Please type a plus sign (+) inside this box → **[+]**

PTO/SB/02A (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

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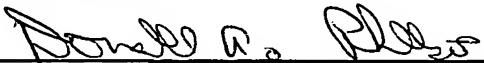
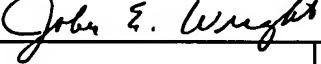
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## DECLARATION

### ADDITIONAL INVENTOR(S)

Supplemental Sheet

Page 1 of 1

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Donald A.		Phelps	
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City	Arlington	State	Texas
ZIP	76017	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
John E.		Wright	
Inventor's Signature			Date <u>8/10/04</u>
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Country	USA	Citizenship	USA
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City	Spring	State	Texas
ZIP	77379	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Inventor's Signature			Date
Residence: City	State	Country	Citizenship
Mailing Address			
Mailing Address			
City	State	ZIP	Country

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